

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039600.D
 Acq On : 21 Jul 2020 16:33
 Operator : SY/MD
 Sample : L3348-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAXZ1

Quant Time: Jul 22 02:56:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	112417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33052	6.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.80%
7) Chloroethane-d5	1.92	69	27982	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	54069	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.66	46	126896	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	5.09	84	68728	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.72	65	44549	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.75	84	136080	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.70	67	43501	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	122751	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.19	79	17813	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	94989	54.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.18%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38255	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45166	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

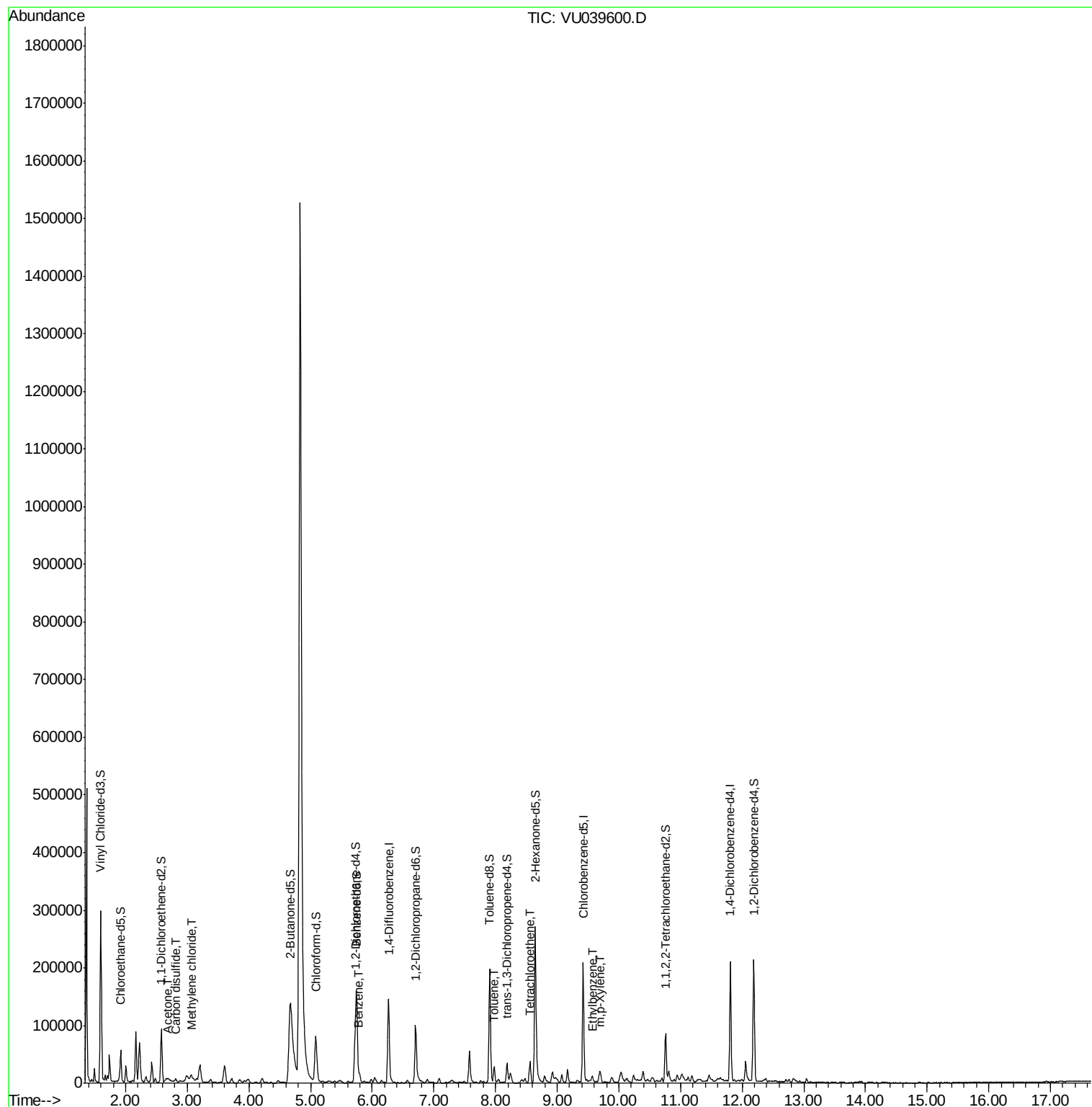
					Qvalue
13) Acetone	2.68	43	24969	19.063 ug/L	67
14) Carbon disulfide	2.81	76	5358	0.335 ug/L	100
16) Methylene chloride	3.07	84	4968	0.647 ug/L	96
33) Benzene	5.79	78	12525	0.499 ug/L	100
42) Toluene	7.98	91	17361	0.632 ug/L	99
47) Tetrachloroethene	8.56	164	7109	1.504 ug/L	90
52) Ethylbenzene	9.57	91	3586	0.115 ug/L	100
53) m,p-Xylene	9.70	106	1990	0.171 ug/L	79

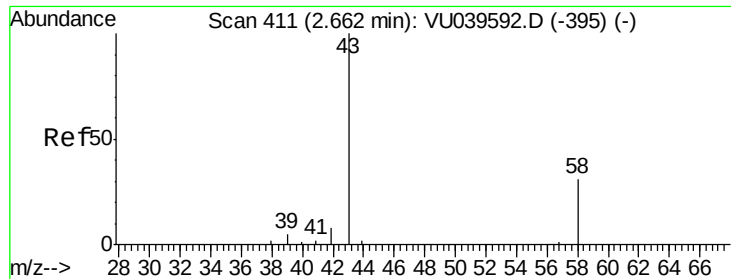
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration





#13

Acetone

Concen: 19.063 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU039600.D

Acq: 21 Jul 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

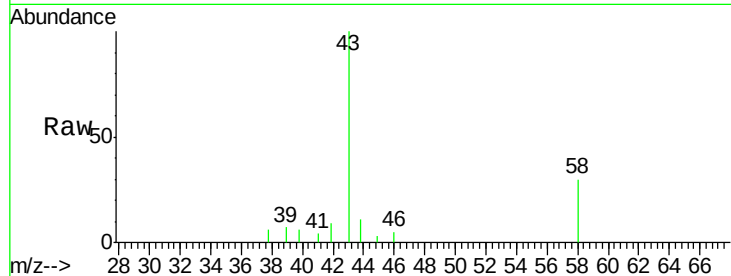
GAXZ1

Tgt Ion: 43 Resp: 24969

Ion Ratio Lower Upper

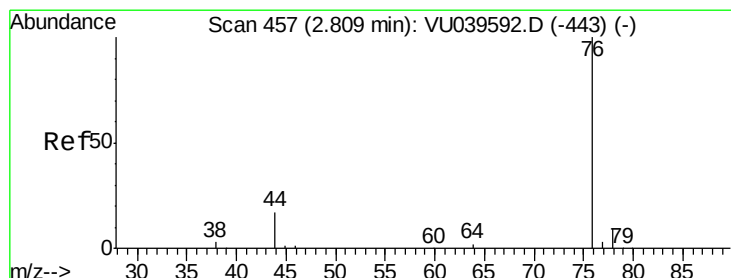
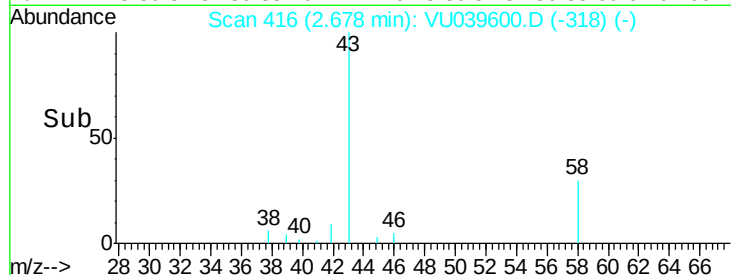
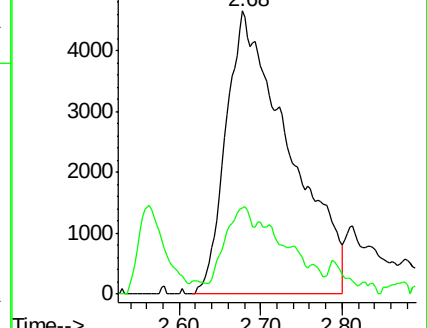
43 100

58 11.6 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU039600.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU039600.D (-318) (-)



#14

Carbon disulfide

Concen: 0.335 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: VU039600.D

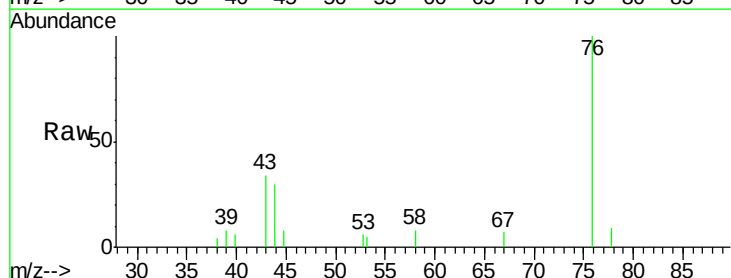
Acq: 21 Jul 2020 16:33

Tgt Ion: 76 Resp: 5358

Ion Ratio Lower Upper

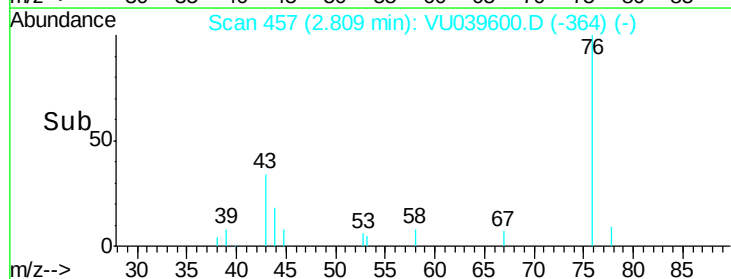
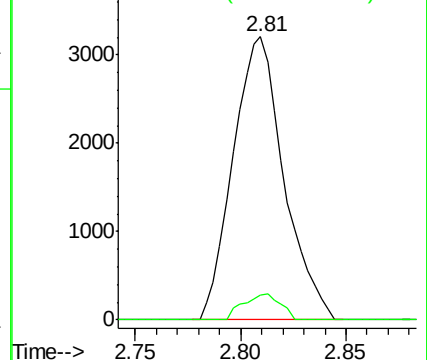
76 100

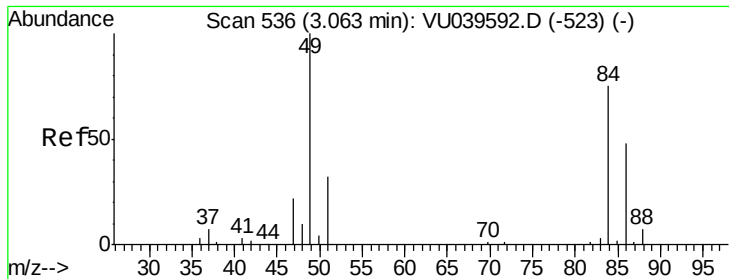
78 8.9 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU039600.D (-364) (-)

Ion 78.00 (77.70 to 78.70): VU039600.D (-364) (-)

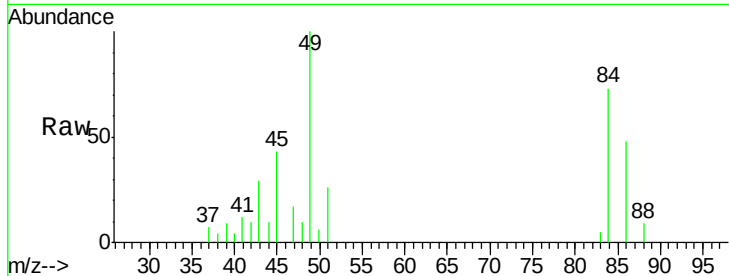




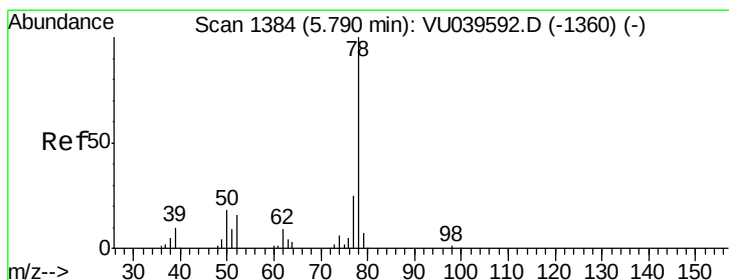
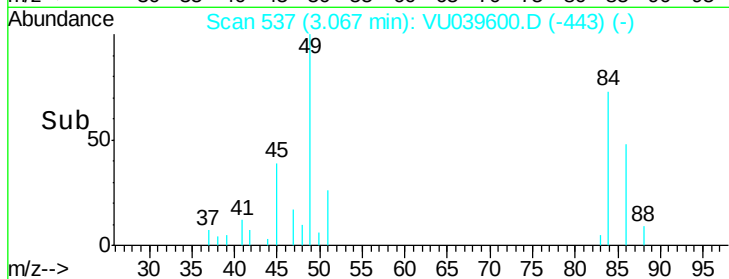
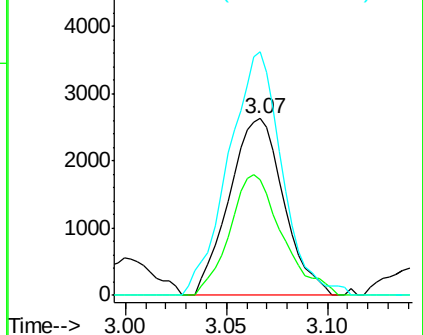
#16
Methylene chloride
Concen: 0.647 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU039600.D
Acq: 21 Jul 2020 16:33

Instrument :
MSVOA_U
ClientSampleId :
GAXZ1

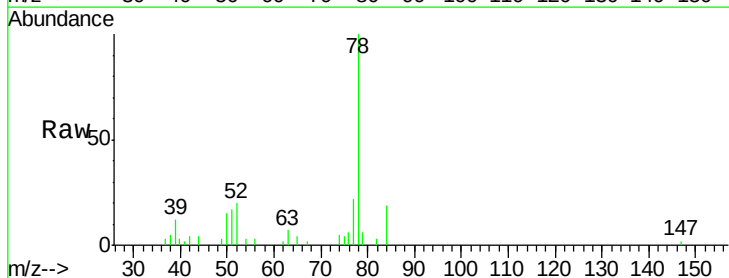
Tgt Ion: 84 Resp: 4968
Ion Ratio Lower Upper
84 100
86 65.4 43.8 81.4
49 137.7 92.7 172.3



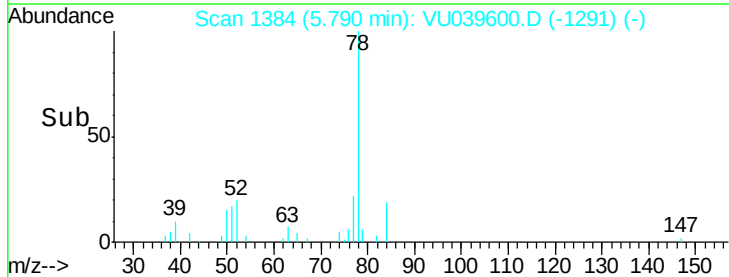
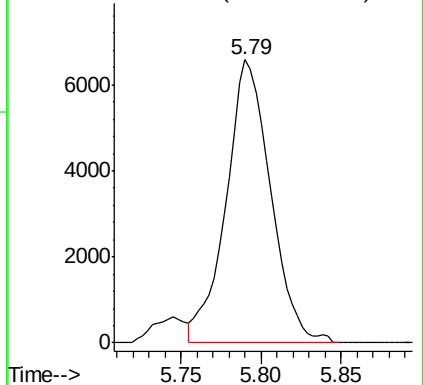
Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

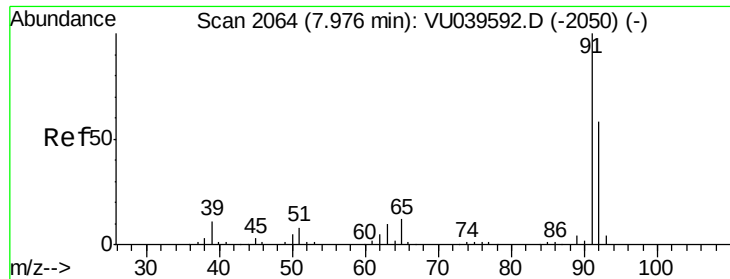


#33
Benzene
Concen: 0.499 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU039600.D
Acq: 21 Jul 2020 16:33
Tgt Ion: 78 Resp: 12525



Abundance Ion 78.10 (77.80 to 78.80): VU0





#42

Toluene

Concen: 0.632 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039600.D

Acq: 21 Jul 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

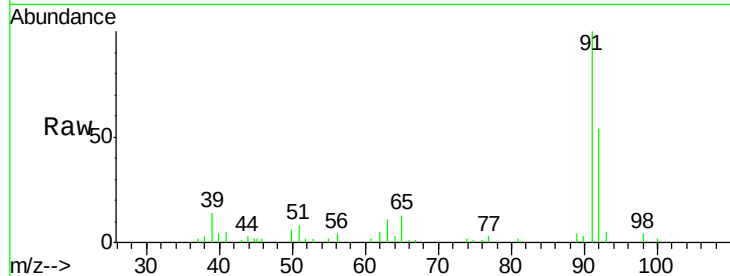
GAXZ1

Tgt Ion: 91 Resp: 17361

Ion Ratio Lower Upper

91 100

92 54.5 38.6 71.6

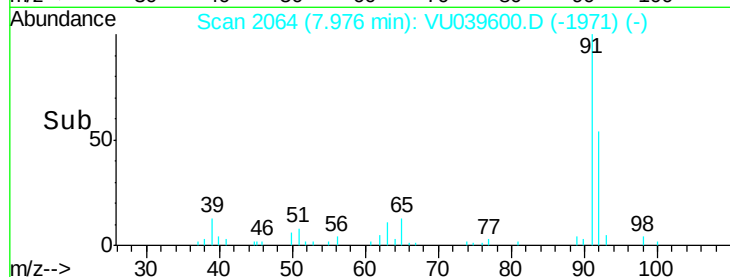


Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU039592.D (-2050) (-)

7.98

Time-->



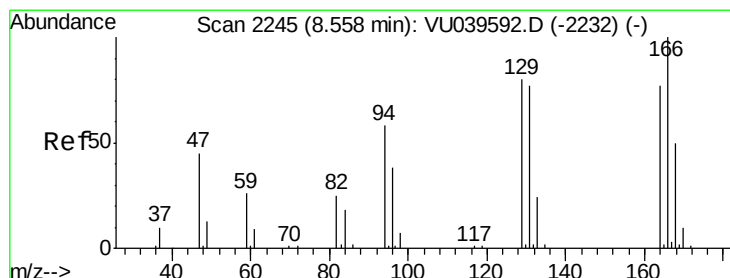
Abundance

Ion 91.15 (90.85 to 91.85): VU039600.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU039600.D (-1971) (-)

7.98

Time-->



#47

Tetrachloroethene

Concen: 1.504 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039600.D

Acq: 21 Jul 2020 16:33

Tgt Ion: 164 Resp: 7109

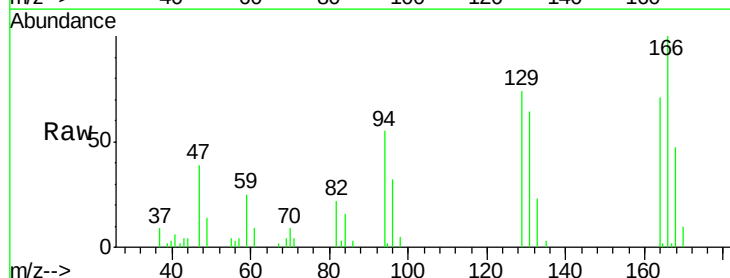
Ion Ratio Lower Upper

164 100

129 104.5 67.9 126.1

131 91.0 64.7 120.1

166 141.8 85.1 158.1



Abundance Ion 163.90 (163.60 to 164.60): VU039592.D (-2232) (-)

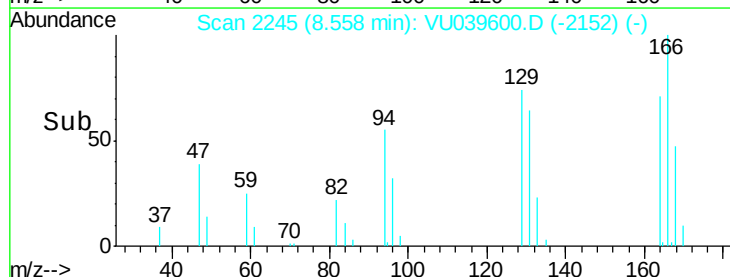
Ion 128.95 (128.65 to 129.65): VU039592.D (-2232) (-)

Ion 130.95 (130.65 to 131.65): VU039592.D (-2232) (-)

Ion 165.90 (165.60 to 166.60): VU039592.D (-2232) (-)

8.56

Time-->



Abundance

Ion 163.90 (163.60 to 164.60): VU039600.D (-2152) (-)

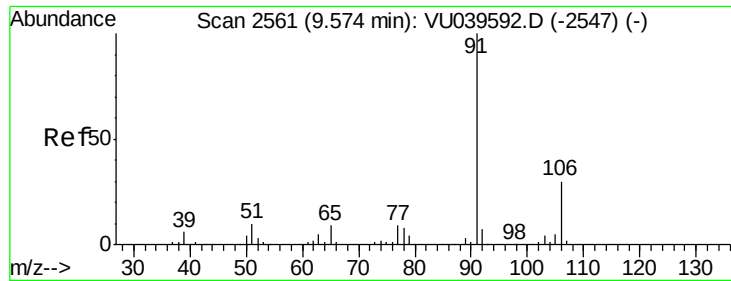
Ion 128.95 (128.65 to 129.65): VU039600.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU039600.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU039600.D (-2152) (-)

8.56

Time-->



#52

Ethylbenzene

Concen: 0.115 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039600.D

Acq: 21 Jul 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

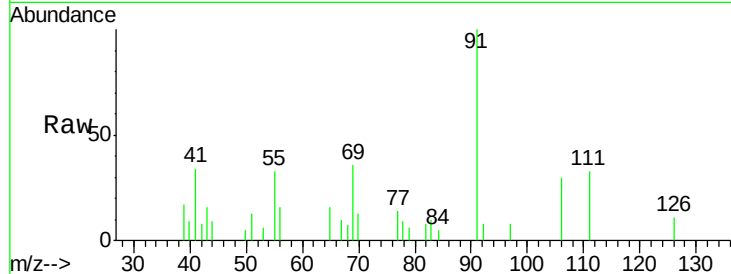
GAXZ1

Tgt Ion: 91 Resp: 3586

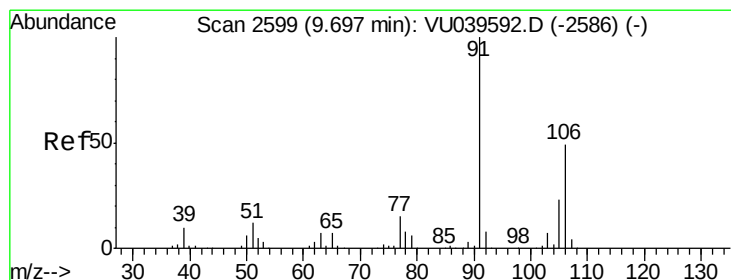
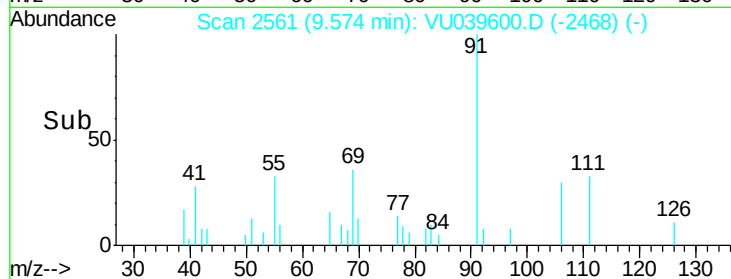
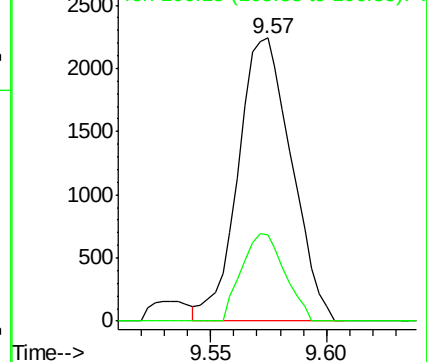
Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.171 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039600.D

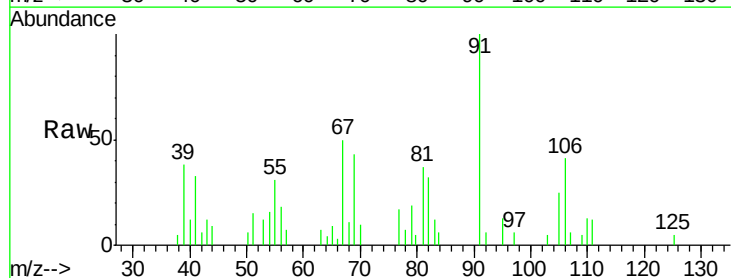
Acq: 21 Jul 2020 16:33

Tgt Ion: 106 Resp: 1990

Ion Ratio Lower Upper

106 100

91 246.0 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): VU039592.D (-2586) (-)

